

## ABSTRACT OF THE DISCLOSURE

In a laser beam scanner according to the invention,  $L2/L1 > L4/L3$  is satisfied, where  $L2/L1$  is the lateral magnification in the sub-scanning direction in an optical path from a polygon mirror to a photosensitive drum, and  $L4/L3$  is the lateral

5 magnification in the sub-scanning direction in an optical path from the polygon mirror to a beam detector. Accordingly, the light-receiving width of the beam detector can be reduced as compared with a conventional laser beam scanner where  $L2/L1 = L4/L3$ .

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